

U.S. Patent

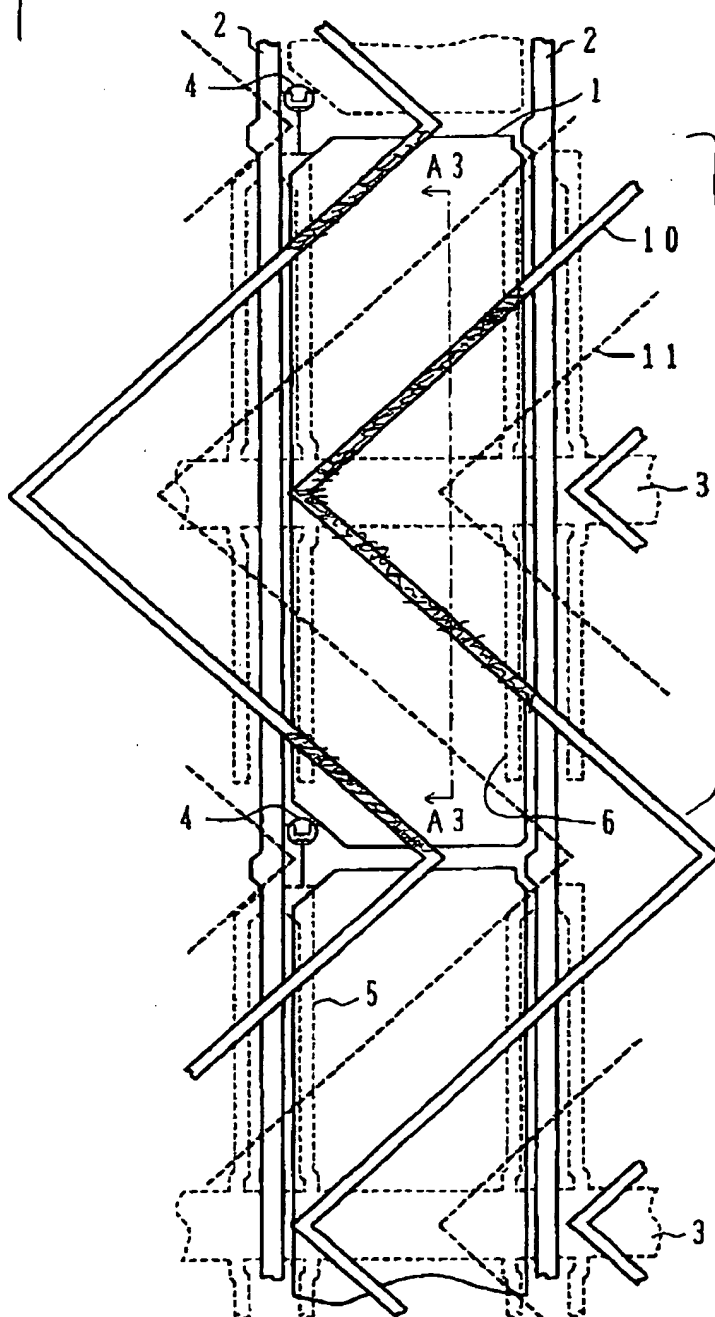
Jun. 3, 2003

Sheet 1 of 27

US 6,573,964 B1

FIG. 1

Appendix 1



One pixel

The shaded portion of 10 does not form the W-like structure.

U.S. Patent

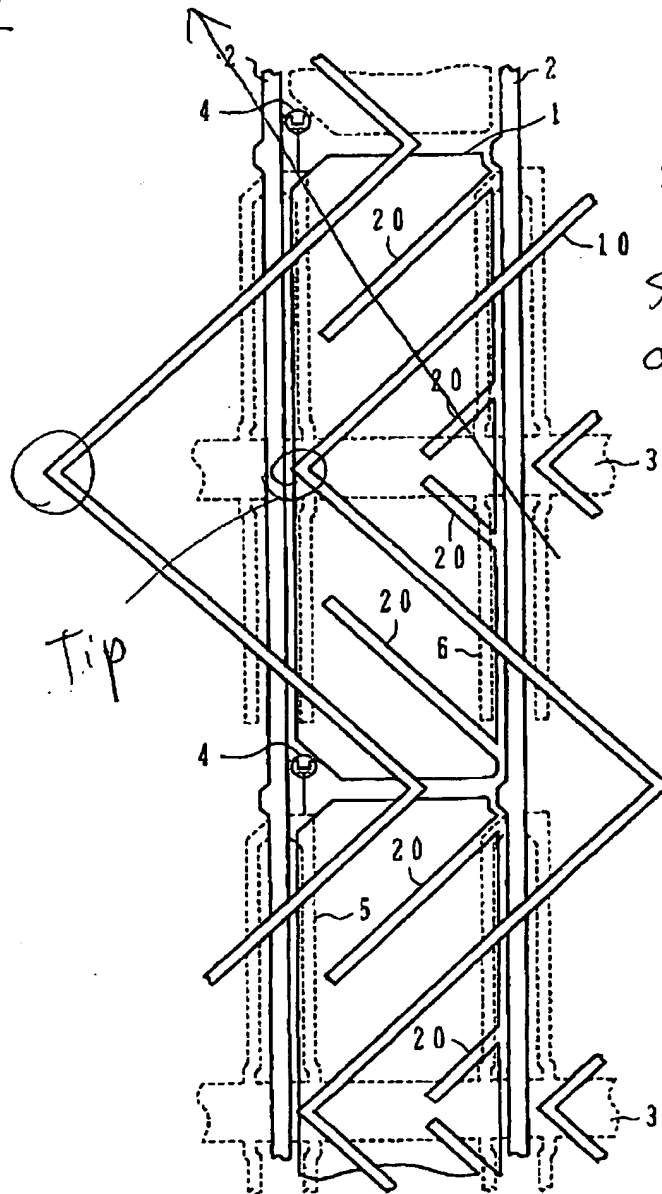
Jun. 3, 2003

Sheet 6 of 27

US 6,573,964 B1

Appendix 2

FIG. 6



slit: 20

slits are not  
aligned to the  
tip

Tip